

# UK Patent Application GB 2 199 857 A

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E1D 122 2022 401 402 523 545 DV2 F124  
U1S 1700 1708 E1D

(56) Documents cited

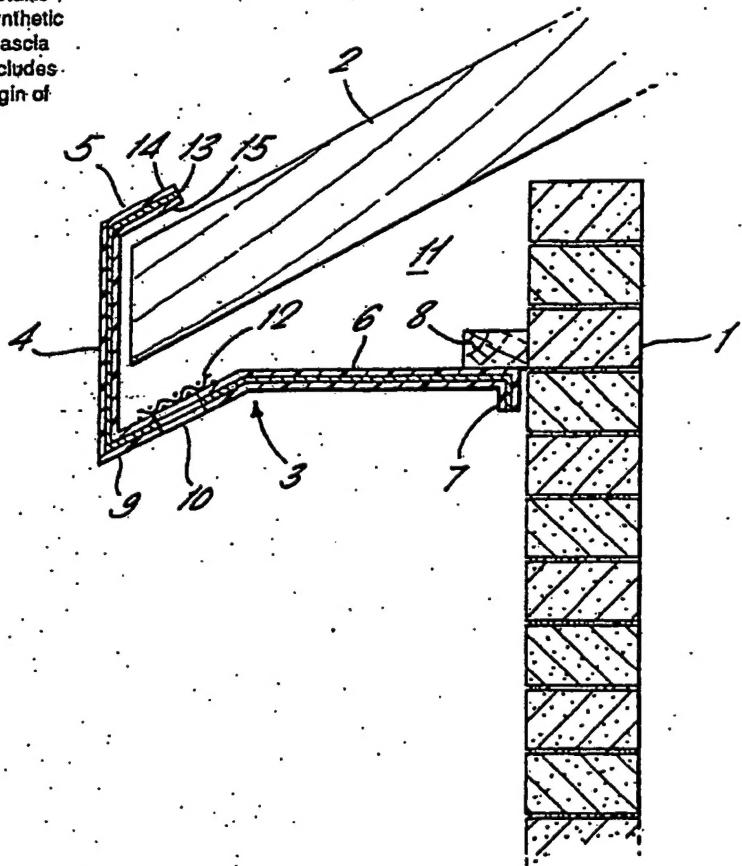
GB A 2093494	GB 1545486	GB 1438498
GB 1392179	GB 1125925	GB 0678041
GB 0599888	GB 0587388	EP A3 0045489
EP A2 0045489	US 3824749	

(58) Field of search

E1D  
Selected US specifications from IPC sub-class  
E04D

(54) Building panels

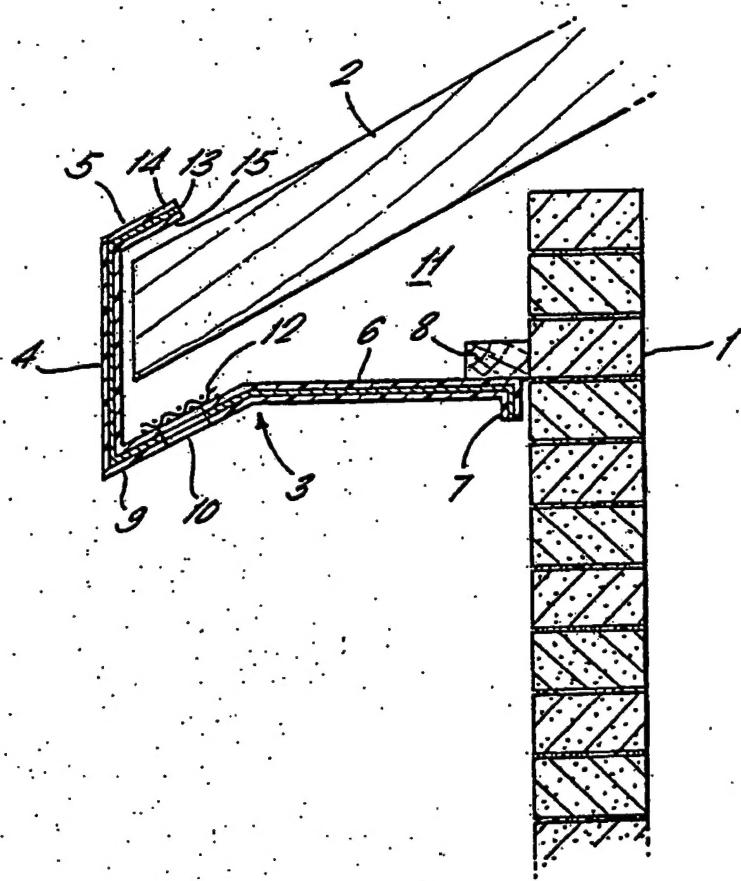
(57) A building panel comprises an elongate panel member formed of metallic sheet coated on each surface with synthetic plastics. The panel member 3 has a fascia portion 4 and a soffit portion 6 and includes apertures 10 formed at the outer margin of the soffit portion.



The drawing(s) originally filed was (were) informal and the print here reproduced is taken from a later filed formal copy.

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"BUILDING PANELS"

This invention relates to building panels intended for use as fascias and soffits.

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It is well-known to build fascia boards to the lower ends of roof rafters and to provide between the said ends and an adjacent wall which supports the 10 rafters a soffit board so as to hide the rafters from view and to inhibit ingress into the roof space. It is known to provide fascia panels and also soffit panels made of metallic sheet coated on one side with a synthetic plastic.

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The present invention however aims to provide an improved and more convenient panel and to facilitate the provision of a combined fascia and 20 soffit with provision for ventilation.

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The present invention is based on the provision of an integral elongate panel member which has a portion adapted to constitute a fascia board and a portion adapted to constitute a soffit. The 30 integral nature of the fascia and soffit simplifies the construction of the building; the panel members may be made in different sizes and shapes if desired. It is desirable that the member should include apertures permitting air flow into and drainage of water out of the space which is formed, in use, above the soffit. This provision is particularly important if, as preferred, the panel 35 member comprises a laminate of a metal sheet, which may be treated to resist corrosion, and which is

coated on each surface with the synthetic plastics  
material. Though such a laminate is convenient for  
a variety of reasons, it is particularly important to  
allow drainage of water condensing from the air space  
above the soffit. The aforementioned apertures may  
5 be disposed in a margin of the soffit adjacent, and  
in use below, the fascia. The apertures may be  
covered by a mesh or meshes which may be disposed on  
the interior side of the soffit portion. Such a  
10 mesh may be useful in the prevention of ingress of  
insects.

The present invention also provides a method  
15 of building including fitting over the ends of a row  
of roof rafters a panel member which has a fascia  
portion and integral therewith a soffit portion and  
fixing a margin of the soffit to an adjacent wall.  
The invention includes within its scope a building  
20 including panels affixed to rafters and an adjacent  
wall in accordance with the method of the invention.

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BRIEF DESCRIPTION OF THE DRAWING

The drawing illustrates, in simplified form,  
a section through a building panel shown in position  
5 after it has been affixed to a wall and rafters  
extending over the wall.

DETAILED DESCRIPTION

10 The drawing illustrates by way of example  
only one embodiment of the present invention. The  
arrangement shown in the drawings includes a wall 1  
of a building and one rafter 2 of a plurality of  
rafters which, as in normal practice, extend over the  
wall and protrude outwardly beyond it. A panel 3  
15 is in elongate form; it may be made in any desired  
length and size according to circumstances. The  
panel 3 is an integral member and includes a panel  
portion 4 which is to be disposed adjacent the ends  
20 of the rafters. The upper margin 5 of the panel  
member 3 may be bent inwardly from the portion 4 so  
as to fit over the upper side margin of the rafters 2.

Extending from the bottom of the fascia  
25 portion 4 is a soffit portion 6 which may, but need  
not, terminate in a downturned flange 7 which may be  
disposed in contact with the outer surface of the  
wall 1. Alternatively, the inner margin of the  
soffit portion 6 may be attached by any suitable  
30 means to a batten 8 secured to the wall 1.

The panel member 3 includes apertures 10  
which enable a flow of air into the space 11 formed  
in use above the soffit. The apertures 10 also  
35 provide for drainage of water which may condense from  
this air space 11. Preferably but not essentially

the apertures 10 are formed in a row along the length of the panel member and are disposed in an outer margin 9 which is disposed obliquely to the remainder of the soffit 6 and adjoins the fascia portion 4.

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The apertures 10 are preferably covered on the inside by a wire mesh 12.

Preferably the panel member 3 is a laminate formed of a metal sheet, which may be bent to form the various portions including the fascia and the soffit and which, after having been treated in any desired and suitable manner to inhibit corrosion, is coated on both sides with a suitable, known, synthetic plastics material. Such a laminate, which requires no painting, is very convenient to use. However, the formation of the fascia and soffit as an integral member, particularly if the member is plastics-coated metal, makes the provision of the apertures 10 highly desirable.

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CLAIMS:

- 5        1. A building panel comprising an integral elongate member having a portion adapted to constitute a fascia board and a portion adapted to constitute a soffit, the member including apertures permitting air flow into, and drainage of water out of, a space formed in use above the soffit.
- 10        2. A panel according to claim 1 in which the member comprises a laminate of a metallic sheet coated on each surface with a synthetic plastics material.
- 15        3. A panel according to claim 1 or claim 2 in which the apertures are disposed in a margin of the soffit adjacent and in use below the fascia portion.
- 20        4. A panel according to any foregoing claim in which the apertures are covered by a mesh.
- 25        5. A method of making a building including fitting over the ends of a row of roof rafters a panel member which has a fascia portion and integral therewith a soffit portion and fixing a margin of the soffit portion to an adjacent wall.
- 30        6. A building including panels affixed in accordance with the method of claim 5.

**KINDER, PATRICK**

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**From:** Ron Beneke [RBeneke@bk-ventures.com]  
**Sent:** Wednesday, February 11, 2009 11:28 AM  
**To:** KINDER, PATRICK  
**Cc:** Dan Ness; G.C. "Scooter" Beachum III  
**Subject:** Implicit/Load Systems International (LSI)

Patrick:

We have a practice of changing our standard forms of contracts only by side letter. I have attached such a letter for LSI. In addition to the exclusivity described in the side letter, we have agreed to provide LSI with a branded website (see Dan Ness' description below).

I recall that you at one time crafted language for branded websites in one of our agreements. In any event, I would appreciate your reviewing the attached letter and adding to it the appropriate provisions for a branded website for LSI.

Please feel free to contact Dan directly for clarifications; he is the one that has had the discussions. His number is 972-421-2828.

Ron

Ron Beneke  
B/K Venture Capital  
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Dallas, Texas 75206  
Main: 214-891-7070  
Direct: 214-891-7080  
Cell: 214-450-1165  
Fax: 214-891-8122

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**From:** Dan Ness [mailto:[dan.ness@implicits.com](mailto:dan.ness@implicits.com)]  
**Sent:** Wednesday, February 11, 2009 10:35 AM  
**To:** Ron Beneke  
**Subject:** RE: Please articulate all the terms of the branded website for LSI. so that they can be included in the side letter.

Ron,

The branded website provides the following components:

- LSI logo and tagline along with appropriate visuals
- Secure login to branded reports (LSI logo only)
- Use the login to create a sales demonstration (we use a live site, but disguise the names) David wanted to be sure his guys were trained so they could present a demo.
- Sales brochures and technical documents (links back to their site)
- Request a Quote functionality – send an email to them and a copy to us.
- Link back to their main Home page.

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**From:** Ron Beneke [mailto:[RBeneke@bk-ventures.com](mailto:RBeneke@bk-ventures.com)]

**Sent:** Wednesday, February 11, 2009 10:22 AM

**To:** Dan Ness

**Subject:** Please articulate all the terms of the branded website for LSI. so that they can be included in the side letter.

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